

APPENDIX 2.0 – Observation Trenches Logs, Sketches and Photographs



Status: Final

OT01

Sheet 1 of 1

Project:

Kings Cross Building P1

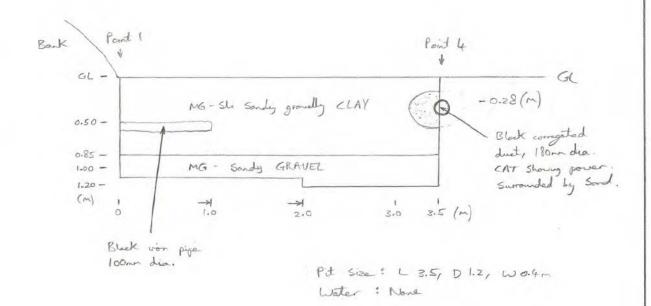
Ground Level: 25.219mOD Coordinates: 530002.04E

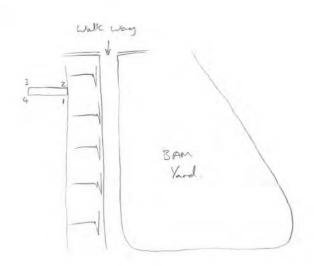
Project No: 4805 183748.22N O.D. Samples / In Situ Testing Depth Legend Description Level (m) (m) Depth **Test Results** Type MADE GROUND: Probably medium dense dark brown slightly sandy gravelly CLAY. Gravel is angular to rounded fine and medium occasionally coarse flint, brick, wood, tarmac, metal and concrete. ...At 0.5mbgl, 100mm diameter metal pipe found in 1.00 24.22 End of Trial Pit at 1.00 m Notes Hole Type: Client: Carillion plc Shoring: None Stability: Stable during excavation Consultant: Ramboll UK Ltd Bearing: Date Excavated: 01/05/2012 Groundwater: Not encountered during Plant: Hand tools excavation Dimensions: 10/08/2012 Date Printed: Weather Conditions: Logged By: DL Backfill: Compacted spoil Checked By: JΕ General:



Contract 7	Title:	Contract No:				
Kings	Gon Bu	ilding Pl	4805			
Calcd.	Checked	Date 1/5/12	Page //			
DL	DL	Date	Rev. 00			

OTQI- Trial Pit sketch









Contract No: 4805

Observation Trench No: OT01

Date: 01/05/2012

Depth: 1.0m

Notes: See corresponding log



Status: Final

0T02

Sheet 1 of 1

Project:

Kings Cross Building P1

Ground Level: 25.246mOD

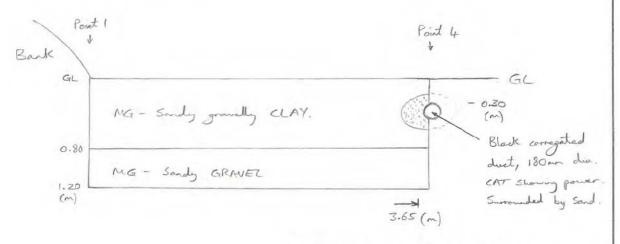
Coordinates: 529994.77E

183750.52N

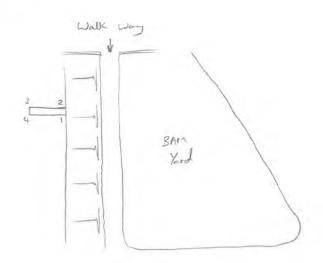
	Description	Legend	Depth	O.D.	Samples / In Situ Testing			
			(m)	(m)	Type	Depth	Test Results	
Gravel is angular occasionally coars tile volay pipe and MADE GROUND: sandy GRAVEL. (medium flint ash a	: Soft dark brown sandy gravelly CLAY to rounded fine, medium and se flint brick concrete ceramic wood. : Probably medium dense to dense black Gravel is angular to rounded fine and			24.45 24.05	Type	Depth	Test Results	
		 Notes					1	
Client: Consultant: Date Excavated: Plant: Date Printed: Logged By: Checked By:	Carillion plc Ramboll UK Ltd 02/05/2012 Hand tools 10/08/2012 DL JE	ity: ndwater: ner Conditio	Not exc ons:	ble during e encounter avation	ed during	E	Shoring: None Bearing: - Dimensions:	
General:								



OTOZ - Trial Pit skotch



Pit Size: L 3.70, D 1.2, W 0.4m Water: None







Contract No: 4805

Observation Trench No: OT02

Date: 02/05/2012

Depth: 1.2m

Notes: See corresponding log



Status: Final

0T03

Sheet 1 of 1

Project:

Kings Cross Building P1

Ground Level: 25.393mOD

Coordinates: 529977.94E

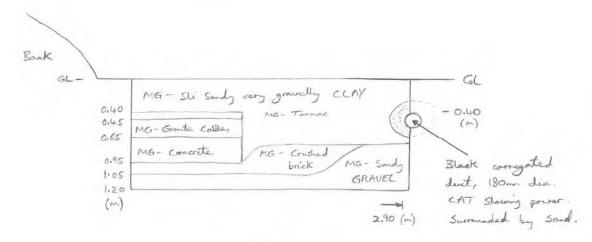
183756.20N

Description			Legend	Depth		Samples / In Situ Testing			
	March 1000000000000000000000000000000000000			(m)	(m)	Туре	Depth	Test Results	
gravelly CLAY. Grooarse flint brick of sandstone. MADE GROUND Sandy GRAVEL. Cand medium flint.	: Soft dark brown slightly sandy very ravel is angular to rounded fine to concrete plastic slate glass and : Crushed red brick. : Probably medium dense greyish brow Gravel is subrounded to rounded fine End of Trial Pit at 1.20 m	vn /		0.75 0.90 1.20	24.64 24.49 24.19	туре	Бери	TOSCINGUILO	
			Notes						
Client: Consultant: Date Excavated: Plant: Date Printed: Logged By: Checked By:	Carillion plc Ramboll UK Ltd 02/05/2012 Hand tools 10/08/2012 DL JE		ity: ndwater: ner Condition	No exc ons:	able during e t encounter cavation	ed during	E	Shoring: None Bearing: - Dimensions: \[\sqrt{-} \rightarrow \Delta \\ \frac{-}{\nabla} \\ \frac{-}{\n	
General:									



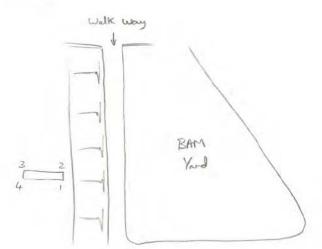
Contract T	itle:	Contract No:				
Kingo	Cron Biuld	ing Pl	4805			
Calcd.	Checked	Date 4/5/12	Page 1/I			
DL	DL	Date	Rev. oo			

OTO3 - Trial Pit sketch



Pit Size: L 3.0, D 1.2, W 0.4m Water: None









Contract No: 4805

Observation Trench No: OT03

Date: 02/05/2012

Depth: 1.2m

Notes: See corresponding log



Status: Final

0T04

Sheet 1 of 1

Project:

Kings Cross Building P1

Ground Level: 26.163mOD Coordinates: 529960.46E

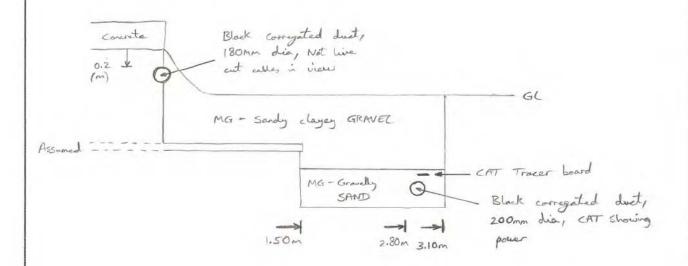
183762.16N

Project No: 4805 O.D. Samples / In Situ Testing Depth Legend Description Level (m) (m) Depth **Test Results** Type MADE GROUND: Probably medium dense blackish dark brown sandy clayey GRAVEL. Gravel is angular to rounded fine and medium flint brick concrete wood and metal fragments. 0.70 25.46 MADE GROUND: Probably loose yellowish brown slightly gravelly SAND. Gravel is subangular to rounded fine flint. 1.20 24.96 End of Trial Pit at 1.20 m Notes Hole Type: Client: Carillion plc Shoring: None Stability: Stable during excavation Consultant: Ramboll UK Ltd Bearing: Date Excavated: 08/05/2012 Groundwater: Not encountered during Plant: Hand tools excavation Dimensions: 10/08/2012 Date Printed: Weather Conditions: Logged By: DL Backfill: Compacted spoil Checked By: JΕ General:

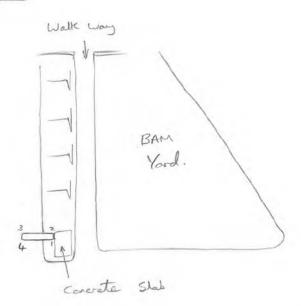


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Kings	Cron Bin	Uling Pl	4805	
Calcd.	Checked	Date 8/5/12	Page 1/1	
DL	De	Date	Rev. 00	

OTO4 - Trial Pit sketch.



Pot Size: L 3.10, D 1.2, Wo.4m Water: None







Contract No: 4805

Observation Trench No: OT04

Date: 08/05/2012

Depth: 1.2m

Notes: See corresponding log



Status: Final

0T05

Sheet 1 of 1

Project:

Kings Cross Building P1

Ground Level: 26.003mOD

Coordinates: 529956.75E

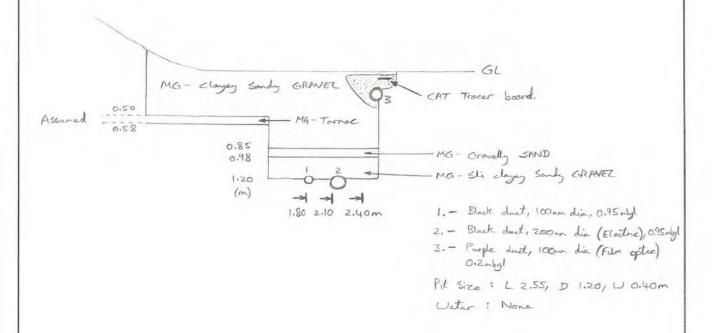
183763.88N

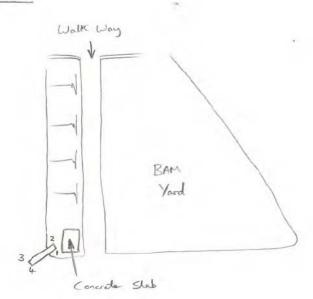
	Description		Legend	Depth		Samples / In Situ Testing			
	325 455 496 5550 € S45557 95500			(m)	(m)	Type	Depth	Test Results	
MADE GROUND Gravel is angular MADE GROUND sandy GRAVEL. (medium flint, occa	Probably medium dense clayey sandy is angular to rounded fine and medium e wood sandstone and ash. Probably loose slightly gravelly SAND to rounded fine flint. Probably medium dense slightly claye Gravel is angular to rounded fine and asional brick and concrete. End of Trial Pit at 1.20 m).	Legend	(m) 0.85 0.98 1.20	25.15 25.02 24.80		-	1	
			Notes						
Client	Carillian pla	Hole 7		TP				District the second sec	
Client: Consultant:	Carillion plc Ramboll UK Ltd	Stabili			ble during	excavation		Shoring: None	
Date Excavated:	11/05/2012						E	Bearing: -	
Plant:	Hand tools	Groun	ndwater:	No	t encounter	ed during	-	21	
Date Printed:	10/08/2012	Weatl	her Conditi		avauon		[Dimensions:	
Logged By: Checked By:	DL JE	Backf			mpacted sp	oil		\[\sum_{\frac{1}{V}} \]	
General:	-								

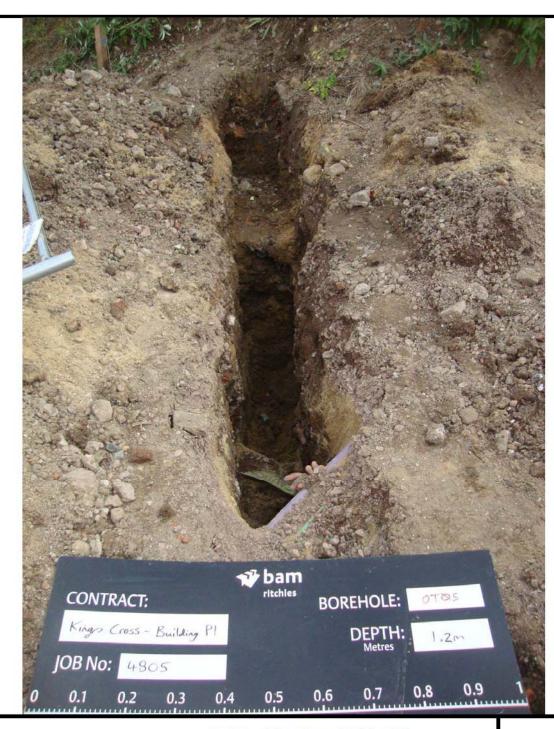


Contract T	itle:		Contract No:
Kings	Cross Bin	lding PI	4805
Calcd.	Checked	Date 8/5/12	Page //
DL	DL	Date	Rev.

OTOS - Trial Pit sketch









Contract No: 4805

Observation Trench No: OT05

Date: 11/05/2012

Depth: 1.2m

Notes: See corresponding log



Status: Final

0T06

Sheet 1 of 1

Project:

Kings Cross Building P1

Ground Level: 26.452mOD

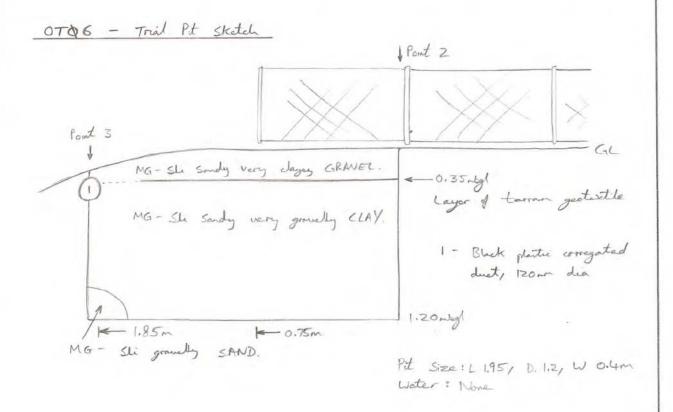
Coordinates: 529955.31E

183759.18N

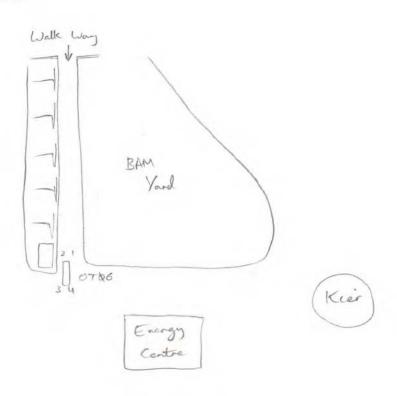
Description			Legend	Depth	O.D. Level	Samples / In Situ Testing			
			3	(m)	(m)	Туре	Depth	Test Resu	lts
slightly sandy very	Probably medium dense brownish gre clayey GRAVEL. Gravel is angular d medium flint brick and	ey /		0.35	26.10				
gravelly CLAY. Gra medium flint concr at 0.35mbgl, laye		/		1.20	25.25				
E	nd of Trial Pit at 1.20 m								
			Notes		-	-	-		
Client: Consultant:	Carillion plc	Hole T		TP Sta	able during e	excavation		Shoring: None	
Date Excavated:	Ramboll UK Ltd 10/05/2012							Bearing: -	
Plant:	Hand tools	Grour	ndwater:	No	t encounter avation	ed during		Dimensions:	
	10/08/2012 DL	Weath	her Conditi				,	Dimensions: <	<u>Δ</u>
	JE	Backf	ill:	Co	mpacted sp	ooil			
General:									



Contract 7	Contract No:			
Kings	Cross Bild	ing Pl	4805	
Calcd.	Checked	Date 8/5/12	Page 1/1	
DL	DL	Date	Rev. 00	









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Contract: Kings Cross Building P1

Contract No: 4805

Observation Trench No: OT06

Date: 10/05/2012

Depth: 1.2m

Notes: See corresponding log



Status: Final

0T07 Sheet 1 of 1

Project:

Kings Cross Building P1

Ground Level: 25.819mOD

Coordinates: 529947.93E

Project No: 4805 183739.30N O.D. Samples / In Situ Testing Depth Legend Description Level (m) (m) Depth **Test Results** Type MADE GROUND: Probably medium dense reddish brownish grey sandy GRAVEL. Gravel is subangular to rounded 0.45 25.37 fine and medium flint and brick. MADE GROUND: Soft dark yellowish brown slightly sandy very gravelly CLAY. Gravel is angular to rounded fine and medium flint and concrete. 1.00 24.82 End of Trial Pit at 1.00 m Notes Hole Type: Client: Carillion plc Shoring: None Stability: Stable during excavation Consultant: Ramboll UK Ltd Bearing: Date Excavated: 10/05/2012 Groundwater: Not encountered during Plant: Hand tools excavation Dimensions: 10/08/2012 Date Printed: Weather Conditions: Logged By: DL Backfill: Compacted spoil Checked By: JΕ General:



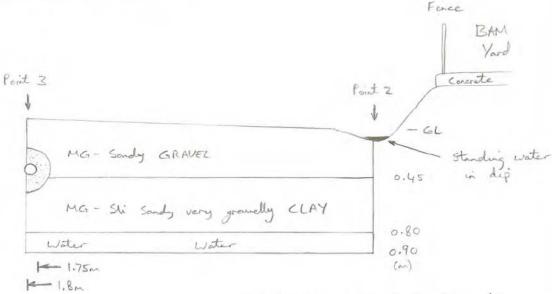
Contract Title: Contract No:

King Cross Building Pl 4805

Calcd. Checked Date 10/5/12 Page 1/1

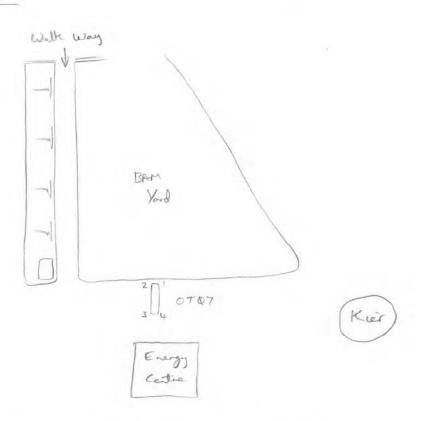
DL Date Rev. 00

0707 - Trial Pit skotch



1 - Purple plastic duet, 90m dia

Pit Size: L 1.8, D 0.9, W 0.4m Water: Rapid inflow at 0.2mgl. Unable to dig past 0.9mgl due to







Contract No: 4805

Observation Trench No: OT07

Date: 10/05/2012

Depth: 1.0m

Notes: See corresponding log



Status: Final

80T0 Sheet 1 of 1

Project:

Kings Cross Building P1

Ground Level: 25.633mOD

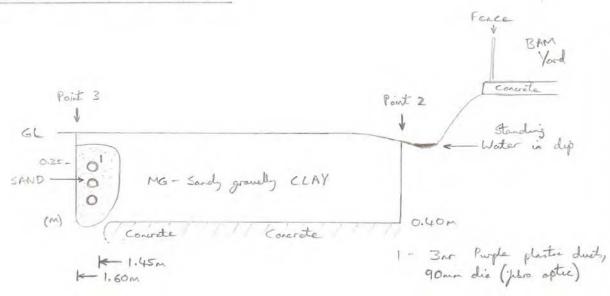
Coordinates: 529941.54E

Project No: 4805 183722.89N O.D. Samples / In Situ Testing Depth Legend Description Level (m) (m) Depth **Test Results** Type MADE GROUND: Soft yellowish brown and brownish grey sandy gravelly CLAY. Gravel is angular to rounded fine and medium flint brick concrete and metal. 0.40 25.23 End of Trial Pit at 0.40 m Notes Hole Type: Client: Carillion plc Shoring: None Stability: Stable during excavation Consultant: Ramboll UK Ltd Bearing: Date Excavated: 11/05/2012 Groundwater: Not encountered during Plant: Hand tools excavation Dimensions: 10/08/2012 Date Printed: Weather Conditions: Logged By: DL Backfill: Compacted spoil Checked By: JΕ General:

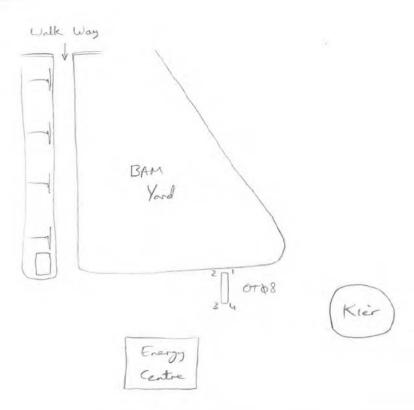


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Kings	Cross Bu	alding PI	4805				
Calcd.	Checked	Date 11/5/12	Page 1/1				
DI	DV	Date	Rev 00				

OTO8 - Trail Pit skotch



Pit size: L 1.6, D 0.40, W 0.4m Water: Seopage from 0.2mbgl.







Contract No: 4805

Observation Trench No: OT08

Date: 11/05/2012

Depth: 0.4m

Notes: See corresponding log

80TO



Status: Final

0T09 LOG 1 Sheet 1 of 1

Project:

Kings Cross Building P1

Ground Level: 25.699mOD

Coordinates: 529934.45E

183702.20N

O.D. Samples / In Situ Testing Depth Legend Description Level (m) (m) Depth **Test Results** Type MADE GROUND: Probably medium dense to dense light grey sandy GRAVEL. Gravel is subrounded to rounded 0.12 25.58 fine and medium flint and concrete with rare concrete. 0.95 24.75 MADE GROUND: Probably medium dense dark brown slightly clayey sandy GRAVEL. Gravel is angular to rounded fine and medium flint brick concrete tarmac plastic and metal fragments. End of Trial Pit at 0.95 m

			Notes						
Client: Consultant: Date Excavated: Plant: Date Printed: Logged By: Checked By:	Carillion plc Ramboll UK Ltd 16/05/2012 Hand tools 10/08/2012 DL JE	Hole T Stabili	Type: ty: dwater: ner Conditio	ons:	Not exca	le during e encounter vation pacted sp	I	Shoring: N Bearing: - Dimensions:	one □ · ▷ □ △ · ▽
General:									



Status: Final

0T09 LOG 2

Sheet 1 of 1

Project:

Kings Cross Building P1

Ground Level: 25.699mOD

Coordinates: 529934.45E

183702.20N

Description		Legend	Depth	O.D. Level	Samples / In Situ Testing			
		3	(m)	(m)	Туре	Depth	Test Results	
MADE GROUND: Probably medium dense to den grey sandy GRAVEL. Gravel is subangular to roul fine and medium flint concrete and rare brick.	se light nded		0.12 0.25 0.52	25.58 25.45 25.18				
MADE GROUND: Probably medium dense dark be slightly clayey sandy GRAVEL. Gravel is angular rounded fine and medium flint brick concrete tarm metal and plastic.	to //:		0.95	24.75				
MADE GROUND: Soft to firm greyish brown and yellowish brown slightly sandy gravelly CLAY. Gra is angular to rounded fine and medium flint brick and concrete.	avel							
MADE GROUND: Probably medium dense dark to GRAVEL. Gravel is angular to rounded fine and no flint brick and concrete.								
End of Trial Pit at 0.95 m								
		Notes						
Client: Carillion plc Consultant: Ramboll UK Ltd	Hole 1		TP Sta	ble during e	excavation		Shoring: None	
Date Excavated: 16/05/2012 Plant: Hand tools	Grour	ndwater:		encounter	ed during		Bearing: -	
Date Printed: 10/08/2012 Logged By: DL	Weath	ner Conditi	ons:	avation			Dimensions: < - >	
Checked By: JE	Backf	ill:	Coi	mpacted sp	oil		∇	
General:								

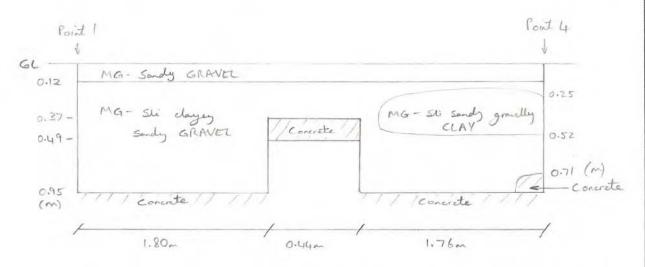


Contract T	itle:	Contract No:			
King	Cross Bu	lding PI	4805		
Calcd.	Checked	Date 1/5/2	- Page 1/1		

Date 17/5/12

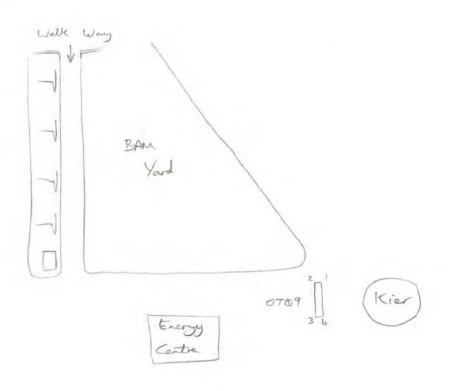
De

OT 09 - Trial Pit skotch



DL

Pit Size: L 4.0, D 0.95, W 0.4m Water: None







Contract No: 4805

Observation Trench No: OT09

Date: 16/05/2012

Depth: 0.95-2.0m

Notes: See corresponding log



APPENDIX 3.0 – Trial Pit Logs, Sketches and Photographs



Status: Final

TP01

Sheet 1 of 1

Project:

Kings Cross Building P1

Ground Level: 25.428mOD

Coordinates: 529974.34E

Project No: 4805

183756.47N

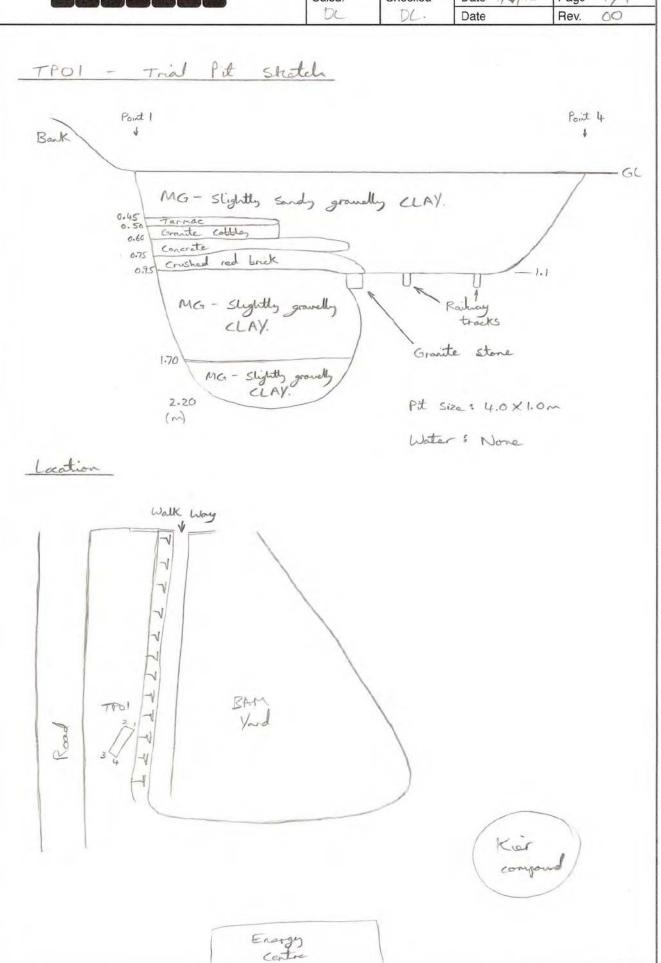
Description		Depth	O.D. Level	Samples / In Situ Testing		
2000.	Legend	(m)	(m)	Туре	Depth	Test Results
MADE GROUND: Loose to medium dense slightly sandy gravelly CLAY. Gravel is angular to rounded fine to coarse brick, flint, wood, tarmac, metal, concrete, and glass. Tarmac. Granite cobble pavement. Concrete with re-bar. MADE GROUND: Reddish brown sandy GRAVEL consist of crushed brick. MADE GROUND: Soft yellowish brown with light brown and grey slightly gravelly CLAY. Gravel is subrounded to rounded fine and medium flint and brick. (Reworked) at 1.1mbgl railway tracks. MADE GROUND: Soft greenish grey and black slightly gravelly CLAY. Gravel is subrounded to rounded fine and medium flint and brick. (Reworked) at 1.8mbgl service running in SE/NW corner. End of Trial Pit at 2.20 m		0.45 0.50 0.60 0.75 0.95	24.98 24.93 24.83 24.68 24.48 23.73 23.23	ES B D ES D B ES	0.20 0.40 0.40 0.40 1.00 1.30 1.50 2.00 2.00	
Client: Carillion plc	Hole Type:	TP)			Shoring: None
Consultant: Ramboll UK Ltd Date Excavated: 01/05/2012 Plant: JCB 3CX Date Printed: 10/08/2012	Stability: Groundwater: Weather Condi	Sta Sli	able during	excavation of water at 1	.1m	Bearing: - Dimensions: □ - □
Logged By: DL Checked By: JE	Backfill:		mpacted sp	poil		Δ.
General:						



Contract Title:

Kigg Cross Bilding P1 4805

Calcd. Checked Date 1/\$/12 Page 1/1







Contract No: 4805

Trial Pit No: TP01

Date: 01/05/2012

Depth: 2.2m

Notes: See corresponding log

TP01



General:

Trial Pit Log

Status: Final

TP02

Sheet 1 of 1

Project:

Kings Cross Building P1

Ground Level: 25.455mOD Coordinates: 529982.81E

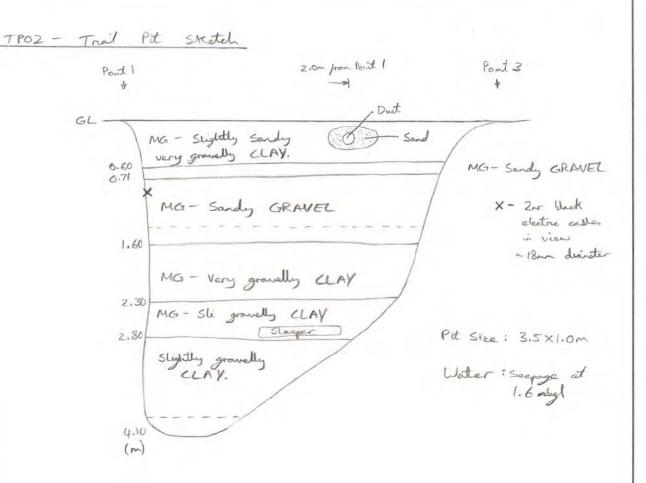
183754.04N

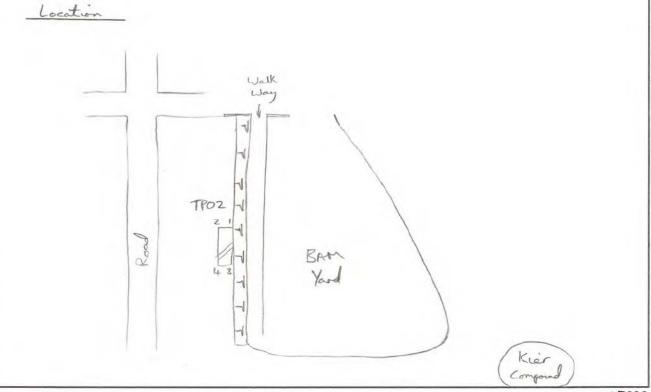
Project No: 4805

Description		Legend	Depth	O.D. Level	Samples / In Situ Testing			
		3	(m)	(m)	Туре	Depth	Test Results	
MADE GROUND: Soft dark brown slightly sandy very gravelly CLAY. Gravel is angular to rounded fine and medium flint, brick, concrete, wood, and glass.			0.60 0.71	24.86 24.75	ES B ES	0.20 0.50 0.60		
MADE GROUND: Probably medium dense multicoloure sandy GRAVEL. Gravel is angular to rounded fine and medium flint brick and concrete.	ed				ES B D ES	0.80 1.00 1.00 1.20		
MADE GROUND: Medium dense to dense black sandy GRAVEL. Gravel is angular to rounded fine and medium ash clinker and slate from 1.2mbgl, becoming very sandy. Abundant ash.			1.60	23.86	ES ES B	1.65 1.90 2.00		
MADE GROUND: Soft yellowish brown and brownish g very gravelly CLAY. Gravel is subangular to rounded flint and brick at 2.0mbgl, sleeper encountered, pitch pine odour noted.	rey		2.80	22.66	В	2.50		
Probably MADE GROUND: Soft greenish grey and light brown slightly gravelly CLAY. Gravel is subrounded to rounded fine and medium flint.	t		4.10	21.36	B D	3.50 4.00		
Soft to firm yellowish brown with grey veining slightly gravelly CLAY. Gravel is weak off white subrounded to rounded fine and medium materialfrom 3.8mbgl, becoming light brown also with random fissuring. End of Trial Pit at 4.10 m		Nata	4.10	21.50				
Notes Client: Carillion plc Hole Type: TP Shoring: None					Sharing: None			
Consultant: Ramboll UK Ltd	Stabili			Stable during excavation Seepages at 1.60m and 4.10m			Shoring: None Bearing: -	
Date Excavated: 02/05/2012 Plant: JCB 3CX	Groundwater:		Se					
Date Printed: 10/08/2012 Logged By: DL		Weather Conditions: Backfill:		Compacted spoil			Dimensions: \triangleleft - \triangleright \triangle \triangleleft \triangleleft \triangledown	



Contract 7	Title:	Contract No:		
Kingo	Cross Bi	Iding Pl	4805	
Calcd.	Checked	Date 2/5/12	Page //	
De	DL	Date	Rev. no	









Contract No: 4805

Trial Pit No: TP02

Date: 02/05/2012

Depth: 4.1m

Notes: See corresponding log

TP02



Trial Pit Log

Status: Final

TP03

Sheet 1 of 1

Project:

Kings Cross Building P1

Ground Level: 25.287mOD Coordinates: 529990.70E

183751.71N

Project No: 4805

a distance were appropriate to the first								
Description	Legend	Depth	O.D. Level	Samples / In Situ Testing				
and provide and a distribution of		(m)	(m)	Туре	Depth	Test Results		
MADE GROUND: Probably medium dense dark brown slightly clayey sandy GRAVEL. Gravel is angular to rounded fine and medium flint brick concrete metal and wood. MADE GROUND: Soft brownish grey and yellowish brow slightly sandy gravelly CLAY. Gravel is angular to rounded flint and brick. MADE GROUND: Probably medium dense reddish brow light grey sandy GRAVEL. Gravel is angular brick and concrete. MADE GROUND: Tarmac. MADE GROUND: Granite cobbles underlain with mortar/lean mix. MADE GROUND: Crushed red brick. MADE GROUND: Soft greenish grey mottled dark grey CLAY. MADE GROUND: Loose to medium dense slightly grave very clayey SAND. Gravel is angular to rounded fine and medium flint glazed ceramic and glass. Soft yellowish brown with grey veining CLAY (organic odour). End of Trial Pit at 3.35 m	n and	0.35 0.55 0.75 0.83 1.20 1.55 2.70	24.94 24.74 24.54 24.46 24.09 23.74 23.34 22.59 21.94	ESBBES ES DESBES B DESB DES	0.10 0.20 0.40 0.40 0.75 1.50 1.70 1.90 2.20 2.60 2.70 2.90 3.30 3.35	1 GOL MOSUILO		
Client: Carillion plc	Notes Hole Type:	TF)			Observe		
Client: Carillion plc Consultant: Ramboll UK Ltd	Stability:		able during	excavation		Shoring: None		
Date Excavated: 02/05/2012	Canadantan		mid fless at t	10m from	alau.	Bearing: -		
Plant: JCB 3CX Date Printed: 10/08/2012 Logged By: DL	Groundwater: Weather Condit	se ions: sh	Rapid flow at 2.10m from clay service (running ME/SW), slight sheen on water			Dimensions: < - > \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
Checked By: JE	Backfill:	Co	mpacted sp					

General:



Contract Title:

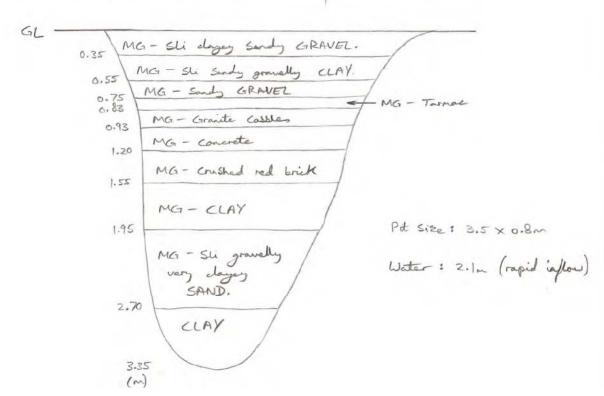
Kings Cross Bibling Pl 4805

Calcd. Checked Date 2/5/12 Page 1/1

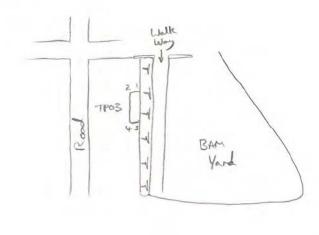
DL Date Rev. 00

TPO3 - Trail Pit Sketch

Point 3
Point 3



Location



compand





Date: 02/05/2012

Depth: 3.35m

Notes: See corresponding log



General:

Trial Pit Log

Status: Final

TP05

Sheet 1 of 1

Project:

Kings Cross Building P1

Ground Level: 26.247mOD Coordinates: 529969.18E

183740.69N

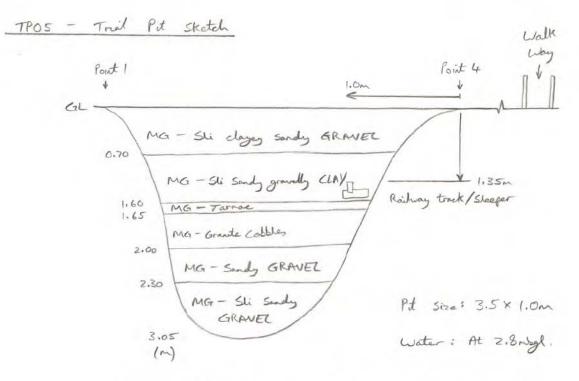
Project No: 4805

O.D. Samples / In Situ Testing Depth Description Legend Level (m) **Test Results** (m) Type Depth MADE GROUND: Probably medium dense black speckled red slightly clayey sandy GRAVEL. Gravel is angular to rounded fine and medium flint brick and concrete. 0.70 25.55 MADE GROUND: Firm greenish grey and light brown with black slightly sandy gravelly CLAY. Gravel is 1.00 angular to rounded fine and medium flint brick and D 1.50 . at 1.35mbgl, railway track over pitch pine 1.60 1.65 24.65 24.60 sleeper at 1.55mbgl. 2.00 24.25 ES 2.00 MADE GROUND: Tarmac. 2.20 2.30 23.95 MADE GROUND: Granite cobbles underlain with mortar/lean mix. ES 2.60 2.80 2.80 MADE GROUND: Probably medium dense black sandy 3.05 23.20 GRAVEL. Gravel is subangular to rounded fine and medium flint. MADE GROUND: Probably medium dense multicoloured slightly sandy GRAVEL. Gravel is angular to rounded fine, medium and occasionally coarse whole part and crushed brick (including glazed bricks), ceramic wood and slate. End of Trial Pit at 3.05 m Notes Hole Type: Client: Carillion plc Shoring: None Stability: Stable during excavation Consultant: Ramboll UK Ltd Bearing: Date Excavated: 09/05/2012 Groundwater: Encountered at 2.80m, did not Plant: JCB 3CX Dimensions: Date Printed: 10/08/2012 Weather Conditions: Logged By: DL Backfill: Compacted spoil Checked By: JΕ

EC7 TP LOG

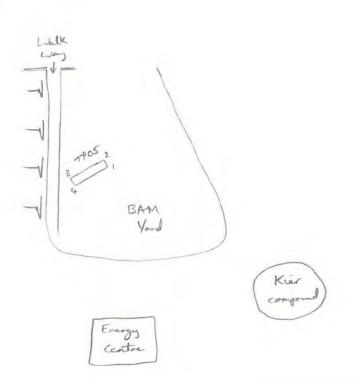


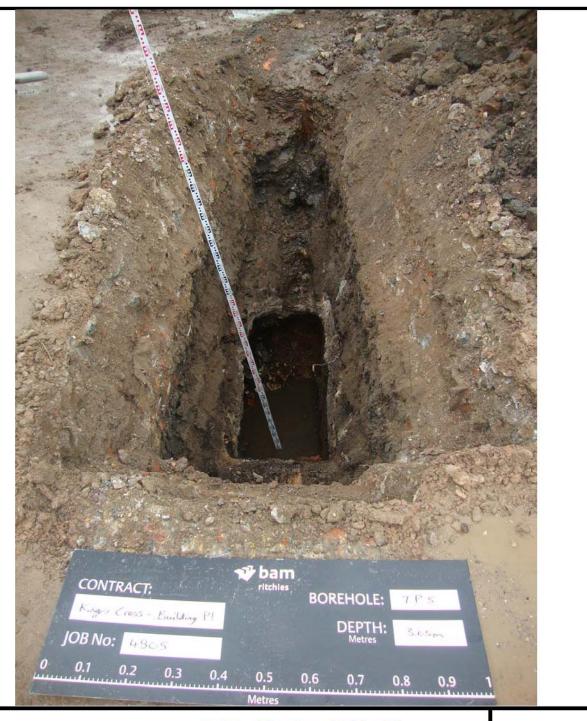
Contract T	itle:	Contract No:				
Kings	Cron Ben	liding Pl	4805			
Calcd.	Checked	Date 9/5/12	Page 1/1			
DC	DC	Date	Rev. oo			



Note - Trial pit terminated at 3.05 mbgl, due to coorse growels and cobbles - difficult to execute.

Location







Contract No: 4805

Trial Pit No: TP05

Date: 09/05/2012

Depth: 3.05m

Notes: See corresponding log



Trial Pit Log

Status: Final

TP06

Sheet 1 of 1

Project:

Project No: 4805

Kings Cross Building P1

Ground Level: 26.048mOD

Coordinates: 529993.03E

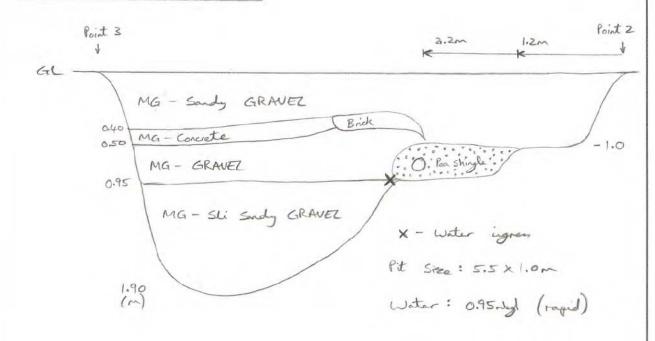
183739.71N

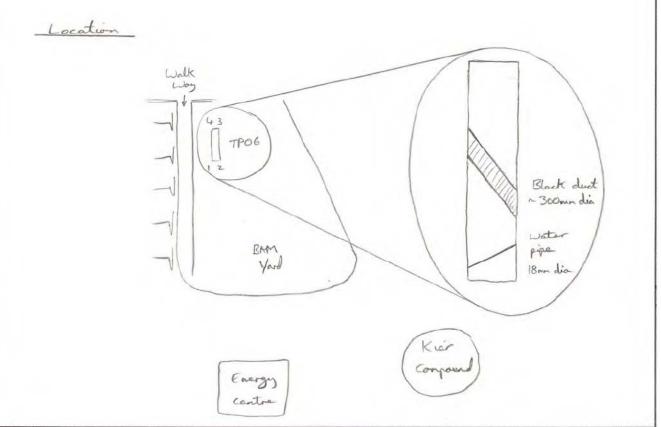
			1110. 400					100700.7111	
Description			Legend	Depth	O.D. Level	Samples / In Situ Testing			
			230	(m)	(m)	Туре	Depth	Test Results	
dark brown sandy	Probably medium dense slightly reddi GRAVEL. Gravel is angular to medium occasionally coarse flint, lock paying slab	ish //		0.40 0.50	25.65 25.55	ES ES	0.20		
Concrete.	ook, paving slab.			0.95	25.10	В	1.00		
MADE GROUND:	Probably medium dense to dense light to rounded medium dolorite GRAVEL. vater service (blue pipe).	nt /				D	1.00 1.00		
MADE GROUND: slightly sandy GR rounded fine, med whole and part bri tarmac, plastic. at 1.2mbgl, s by coarse angular	Probably medium dense multicoloured AVEL. Gravel is subangular to dium and occasionally coarse flint, ick, concrete, clay pipe, wood, ervice (300mm pipe), surrounded	d		1.90	24.15				
			Notes						
Client:	Carillion plc	Hole ⁻		TP			;	Shoring: None	
Consultant:	Ramboll UK Ltd	Stabil	ity:	Sta	able during (excavation		Bearing: -	
Date Excavated: Plant: Date Printed: Logged By: Checked By:	01/05/2012 JCB 3CX 10/08/2012 DL JE		ndwater: her Conditi ill:	gra ons:	apid flow at (anite cobble	S		Dimensions: □ □ △ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	
General:									



Contract T	ītle:	Contract No:			
Kings	Cron Bill	4805			
Calcd.	Checked	Date	Page 1/1		
DL.	DL.	Date	Rev. Oo		

TPO6 - Trial Pit Sketch









Contract No: 4805

Trial Pit No: TP06

Date: 01/05/2012

Depth: 1.9m

Notes: See corresponding log



General:

Trial Pit Log

Status: Final

TP07

Sheet 1 of 1

Project:

Kings Cross Building P1

Ground Level: 26.320mOD

Coordinates: 529957.58E

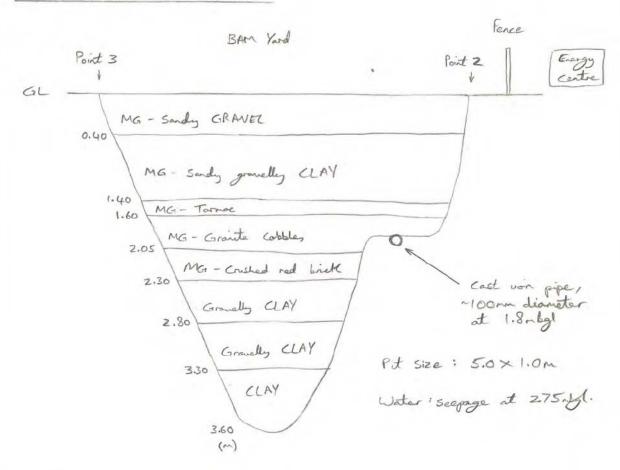
183746.53N

Description		end Depth	0.D.	Samples / In Situ Testing			
Description	Legi	(m)	1 6//61	Туре	Depth	Test Results	
MADE GROUND: Probably medium dense dark brown is GRAVEL. Gravel is angular to rounded fine and medium flint brick concrete and wood. MADE GROUND: Soft to firm dark brown and greyish brown sandy gravelly CLAY. Gravel is angular to rounded fine and medium flint brick wood and ceramic tile. MADE GROUND: Tarmac. MADE GROUND: Granite cobbles underlain with mortar/lean mix. at 1.8mbgl, metal service running SW/NE. MADE GROUND: Crushed red nbrick. at 2.05mbgl, pile (pitchpine) surrounded by coarse gravel, hydrocarbon odour noted. Firm black slightly gravelly CLAY. Gravel is subangular to rounded fine flint. Soft dark brownish grey mottled black gravelly CLAY. Gravel is subrounded to rounded fine and medium flint. Soft to firm yellowish brown with grey veining CLAY. (Weathered London Clay) End of Trial Pit at 3.60 m	sandy XX	0.40 1.40 1.60 2.05 2.30 3.30 3.60		Type ES B ES B ES B ES B ES B	0.20 0.30 0.80 1.00 1.20 2.30 2.50 2.80 2.80 3.00 3.50	Test Results	
Client: Carillion plc Consultant: Ramboll UK Ltd Date Excavated: 14/05/2012 Plant: JCB 3CX	Note Hole Type: Stability: Groundwate	T S er: S	Eperage at 3.9		arbon	Shoring: None Bearing: - Dimensions:	
Date Printed: 10/08/2012 Logged By: DL Checked By: JE	Weather Co		Compacted sp	ooil		Dimensions: Q . D	

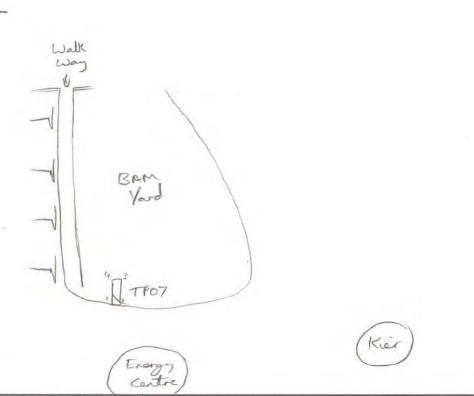


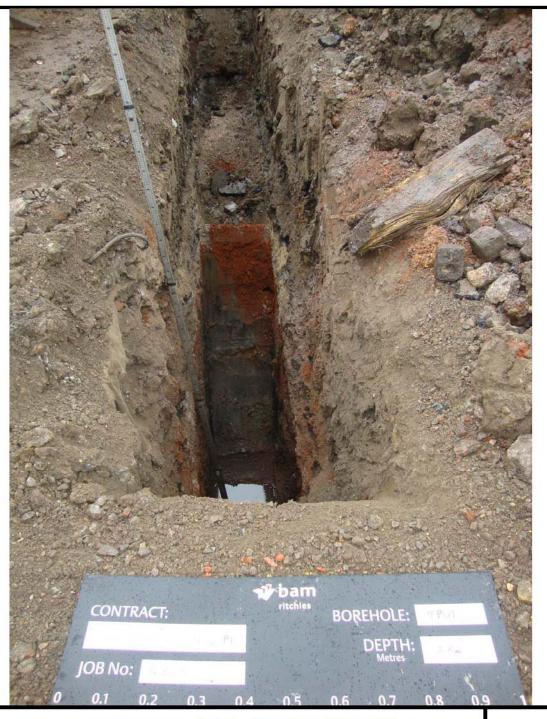
Contract 7	ītle:		Contract No:
Kings	Cross Bi	ilding Pl	4805
Calcd.	Checked	Date 14/5/12	Page 1/1
DI	D/	Date	Rev.

TPO7 - Trial Pit sketch



Location







Contract No: 4805

Trial Pit No: TP07

Date: 14/05/2012

Depth: 3.6m

Notes: See corresponding log



Trial Pit Log

Status: Final

TP08

Sheet 1 of 1

Project: Kings Cross Building P1

Ground Level: 26.110mOD Coordinates: 529964.63E

183734.10N

Project No: 4805

O.D. Samples / In Situ Testing Depth Description Legend Level (m) Туре **Test Results** (m) Depth MADE GROUND: Probably dense light brown sandy 0.15 25.96 ES 0.20 GRAVEL. Gravel is subangular to rounded fine and 0.40 medium flint brick concrete and ceramic. MADE GROUND: Probably medium dense blackish dark 0.80 0.95 25.16 grey slightly clayey sandy GRAVEL. Gravel is angular FS 1.00 to rounded fine and medium flint brick concrete 1.20 wood and ash. 1.40 24.71 1.60 24.51 MADE GROUND: Soft brownish grey and black slightly 1.85 24.26 sandy gravelly CLAY. Gravel is angular to rounded ES 2.00 fine and medium concrete brick and flint. MADE GROUND: Tarmac. 23.71 2.40 2.50 2.50 MADE GROUND: Granite cobbles underlain with 2.70 23.41 mortar/lean mix. В 3.00 MADE GROUND: Crushed red brick. 3.20 22.91 MADE GROUND: Firm black slightly gravelly CLAY. Gravel is angular to rounded fine and medium brick flint and shell fragments. (Reworked) . 2.6mbgl, clay pipe. Soft greenish grey very gravelly CLAY. Gravel is subrounded to rounded fine and medium flint. End of Trial Pit at 3.20 m

Notes									
Client:	Carillion plc	Hole Type:	TP				Shoring:	None	
Consultant:	Ramboll UK Ltd	Stability:	Sta	able during	excavation				
Date Excavated:	09/05/2012						Bearing:	-	
Plant:	JCB 3CX	Groundwater:			at 2.75m, from	m			
Date Printed:	10/08/2012	Weather Conditions		ken clay pi	be		Dimensions	3:	
Logged By:	DL				-11			Δ-	
Checked By:	JE	Backfill:	Co	mpacted sp	OII				

General:



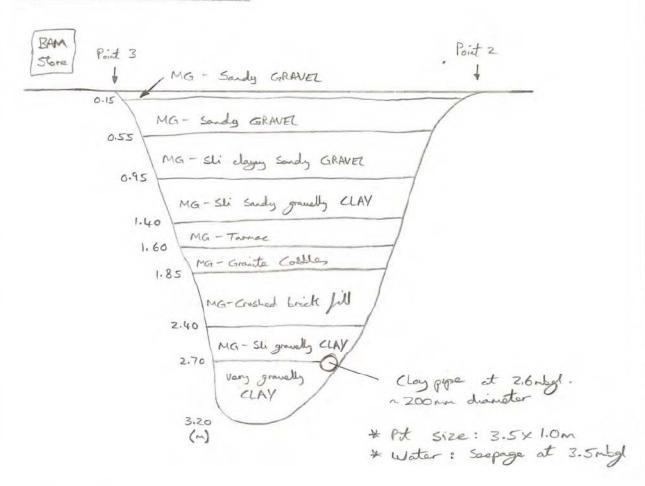
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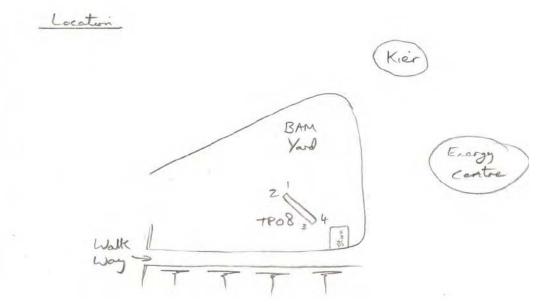
Kings Cross Building Pl (4805)

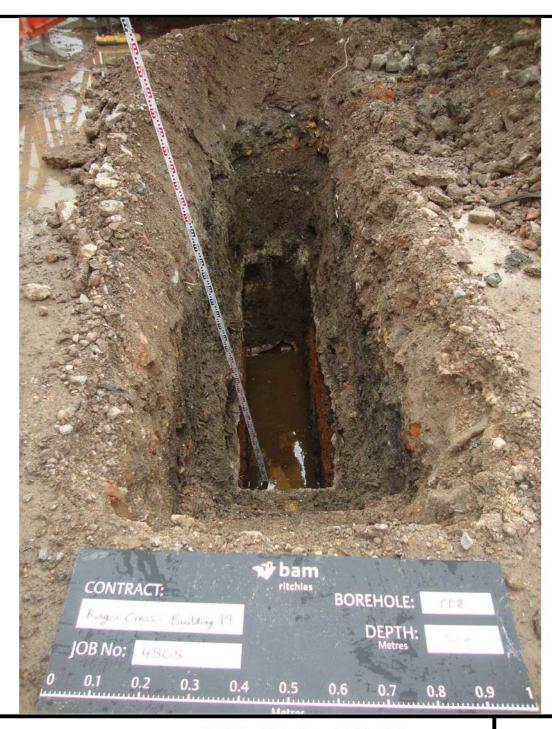
Calcd. Checked Date 9/5/12 - Page 1/1

DL Date 10/5/12 Rev.

TPO8 - Trial Pt sketch









Contract No: 4805

Trial Pit No: TP08

Date: 10/05/2012

Depth: 3.2m

Notes: See corresponding log